M. A. R. 57 (Rule 116) No. E

Measurement Book

542729

Serial No. 2nd and Part Bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency Damodar Manjunath, Malleshwaram, Banglore

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of the Work:	Comprehensive development of Roads and Drains in ward no-16 Rajarajeshwari Nagara Assembly Constituency Under PACKAGE					2019-20-RRN-DIV(01)
	Job Code: →	016-20-00 0018					
	Work order no: →	EE/RRN D/WO.No/0000 53/2020-21					
	A.S no: →	EE/RRN/AS/114/2020-21				dated: 08.07.2020	
	T.S no: →	CE/RRN/TS/233/2019-20				dated: 24.10.2019	
	Est Cost: →	1100.00 Lakhs					

Scanned with CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement		
		Number	Length	Breadth	Depth		Total - upto date		
Sl. No. 1	Description 2	Unit 3	4 Previous Qty	Cost	5 Present Qty	6 Rate Rs	7 Cost	Qty 8	Cost
1) Removing & Refixing stone slabs of drains & pointing in CM.		Sqm	11417.33	1335858.00	459.04	117.00	53707.00	11876.37	1389536.00
2). Excavation for road, drains and similar work by manual means lift 0-5m		Cum	6328.33	1569425.00	1920.48	248.00	476278.00	8248.80	2045703.00
3) Plain cement Concrete 1:3:6 mix		Cum	27.81	130818.00	176.09	4704.00	828304.00	203.90	959122.00
4) Providing & laying Plain reinforced cement Concrete M20 nominal at 300 kg 20mm 0.69 cum & fine aggregat 0.43cm. Thickness 15 cm		Cum.	78.80	584974.00	563.41	7424.00	4183383.00	642.29	4768857.00

M. A. R. 57 (Rule 116) No. E
Measurement Book

542730

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			Total - up to date	
Sl. 1	Description	Unit	3 Previous Qty	Cost	5 Qty	6 Rate	7 Cost	Qty	Cost
5) Providing T.M.T steel Reinforcement for RCC work including straighteig, cutting, bending, hooking Fe 500 complete		ton	6.83	518411.00	33.40	75942.00	2536827.00	40.23	3055238.00
6) Providing & Construction granite/trap/basalt rise stone masonry in foundation with Cement mortar 1:3 cum high, bond stone at 2m.		Cum	~~82.80~~ 82.80	~~5112.00~~ 4232740.00	~~82.80~~ 0.00	~~4232740.00~~ 5112.00	0.00	82.80	4232740.00

Scanned with CamScanner

MEASUREMENT BOOK

Date	Full description, etc. of work	Unit	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement: Total up to date	
1	2		3	4 Previous	5	6 Present	7		
			Qty	Cost	Qty	Rate	Cost	Qty	Cost
7)	Providing & Construction Precast Concrete solid blocks with Compressive strength 40 x 15 x 20cm. Concrete blocks of size 400x 200 x 200mm complete as per the direction.	Nos	6257.29	6351147.00	0.00	1015.00	0.00	6257.29	6351147.00
8)	Providing rubed pointing to Cowyed stone masonry with Cement mortar, 20mm deep after racking joints to depth of 20mm nicely liy.	Cum	12300.20	1943431.00	0.00	158.00	0.00	12300.20	1943431.00

M. A. R. 57 (Rule 116)
Measurement Book

No. E 542731

Serial No. .....

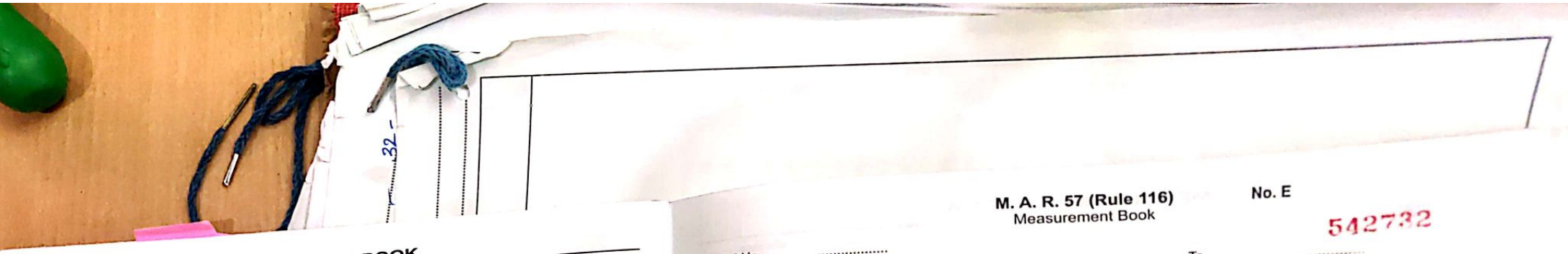
Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Unit	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement: Total up to date	
1	2		3	4 Previous	5	6 Present	7		
			Qty	Cost	Qty	Rate	Cost	Qty	Cost
9)	Providing and laying in position plain cement Mix 1:2:4 with OPC @ 240 kgs, with 20mm @ 0.69 cum @ 0.459 cum	Cum	476.50	2801823.00	0.00	5880.00	0.00	476.50	2801823.00
10)	Providing and laying in position plain cement Concrete of Mix 1:2:4 OPC @ 240 kg with 20mm @ 0.878 cum @ 0.53 cm, not exceeding 15 cm.	Cum	0.00	0.00	146.21	6035.00	882347.00	146.21	882347.00

Scanned with CamScanner



MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. E 542732

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Unit	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement: Total up to date
1	2		3 Previous	4 Present	5	6	7	8
			Qty	Cost	Qty	Rate	Cost	Qty / Cost
11)	Providing & laying precast drain cover slab of 100 mm thickness in CM (0.9 x 0.80 x 0.1)	sqm	3850.00	9449585.00	1202.51	2454.00	2950952.00	5053.31 / 12400810.00
12)	Providing & fixing RCC precast cover slab of 250 mm Thick for drain in Cement Concrete M-20 using graded 20 mm	sqm	154.50	878333.00	0.00	5685.00	0.00	154.50 / 878333.00
13)	Removing & fixing resetting of kerb stone	Rmt	9437.54	1038130.00	349.64	110.00	38460.00	9787.18 / 1076590.00
14)	Providing & fixing Pre cast cast solid concrete Kerb stone of size 450x150x500 mm made out of CC 1:2:4	nos	8917.00	4378247.00	2005.00	491.00	984455.00	10922.00 / 5362702.00
15)	Painting two coats after filling the surface with synthetic enamel paint approved shades on concrete surface	sqm	0.00	0.00	0.00	89.00	0.00	0.00 / 0.00

Scanned with CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Unit	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement: Total up to date
1	2		3 Previous	4	5 Present		7	
			Qty	Cost	Qty	Rate	Cost	Qty / Cost
16). Construction of embankment with approved material with all lifts & leads, transporting to site vibrator roller to 95% of modified.		Cum	0.00	0.00	95.94	361.00	34634.00	95.94 / 34634.00
17) Providing & laying heavy duty Cobble stones 75mm thick interlock pavers of .281 kg one 50m thick 3 tons.		sqm	0.00	0.00	319.80	1235.00	394953.00	319.80 / 394953.00
18). Excavation of road work in soil with hydraulic of 0.90 bucket.		Cum	355955	316800.00	0.00	89.00	0.00	3559.55 / 316800.00

M. A. R. 57 (Rule 116)
Measurement Book
No. E

Serial No. .....
542733
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Unit	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement: Total up to date
1	2		3 Previous	4	5 Present		7	
			Qty	Cost	Qty	Rate	Cost	Qty / Cost
19). Construction of granular Sub-base grading-V on sub base 98% Proctor density		Cum	2378.37	4958996.00	0.00	2085.00	0.00	2378.37 / 4958996.00
20). Providing laying, Stone aggregate to wet mix macadam		Cum	2728.99	5733611.00	0.00	2101.00	0.00	2728.99 / 5733611.00

Scanned with CamScanner

MEASUREMENT BOOK

Date	Full description, etc. of work	Unit	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement	
1	2		3 Previous	4	5	6 Present	7	Total upto to date	
			Qty	Cost	Qty	Rate	Cost	Qty	Cost
21)	Providing & applying primer coat with CSS bitumen emulsion on prepared surface of granular base WBM.	Kgm	11865.18	367821.00	0.00	31.00	0.00	11865.18	367821.00
22)	Cleaning the existing black topped surface with brooms, soft brushes & finally dusting with old gunny bags and labours.	Sqm	33955.92	203736.00	0.00	6.00	0.00	33955.92	203736.00
23)	Providing & applying tackcoat using 80/100 grade bitumen black topped surface @ 2.5 kg.	Kgm	89413.51	1162376.00	0.00	13.00	0.00	89413.51	1162376.00

M. A. R. 57 (Rule 116)
Measurement Book
No. E

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

542734

Date	Full description, etc. of work	Unit	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement	
1	2		3 Previous	4	5	6 Present	7	Total upto to date	
			Qty	Cost	Qty	Rate	Cost	Qty	Cost
24)	Providing & laying dense graded bituminous macadam using Crushed aggregate Vk30.	Cum	2345.06	16884396.00	0.00	7200.00	0.00	2345.06	16884396.00
25)	Providing & laying Bituminous Concrete using Crushed aggregate of specified grading, pre mixed to work site.	Cum	1876.04	15580545.00	0.00	8305.00	0.00	1876.04	15580545.00

Scanned with CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Unit	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement: Total up to date
1	2		3 Previous	4	5	6 Present	7	
			Qty	Cost	Qty	Rate	Cost	Qty / Cost
26)	Road Marking with Hot Thermoplastic.	sqm	0.00	0.00	0.00	477.00	0.00	0.00 / 0.00
27)	Road stud 100x100mm	nos	0.00	0.00	0.00	375.00	0.00	0.00 / 0.00
			Total amount				1,33,64,300.00	89976178.00
			GST 12%				16037160.00	10797141.36
			Grand Total.				14968016.00	100773319.36

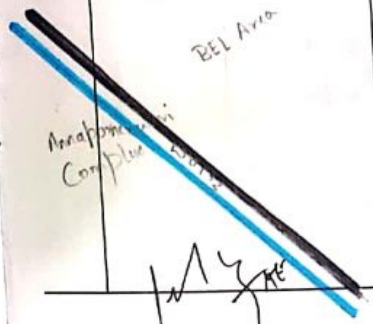
Certificate.
1. The above work has been Completed satisfactory
2. The debris has been removed and disposed from work spot
3. No. Departmental issues are made to the contractor.

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....
542735
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Block-8



- Road R
- Road R (No Compound Wall)
- RCC drain

Scanned with CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Block -13						
	W0053						
	W0073						
	W0079						
	W0085						
						— R & R — C.C Road	

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

542736

Name of Contractor of nature of Agency.....

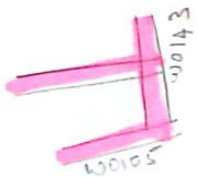
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Block - 14						
	W0134						
	W0132						
	W0120						
	W0128						
						— C.C Road	

Scanned with CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Block-7						



W0078

M. A. R. 57 (Rule 116) No. E

Measurement Book

542737

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Audited and admitted for Rs. 7383003 -

Passed by Cheque for Rs. 6857990 -

(Sixtyeight lakh fiftyseven thousand nine hundred and ninetynine only)

by adjustment 525004 -

Recium

Fls Sr

Scanned with CamScanner